

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027963.D
 Acq On : 04 Apr 2022 17:21
 Operator : JC/MD
 Sample : PB143824TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 05 05:51:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

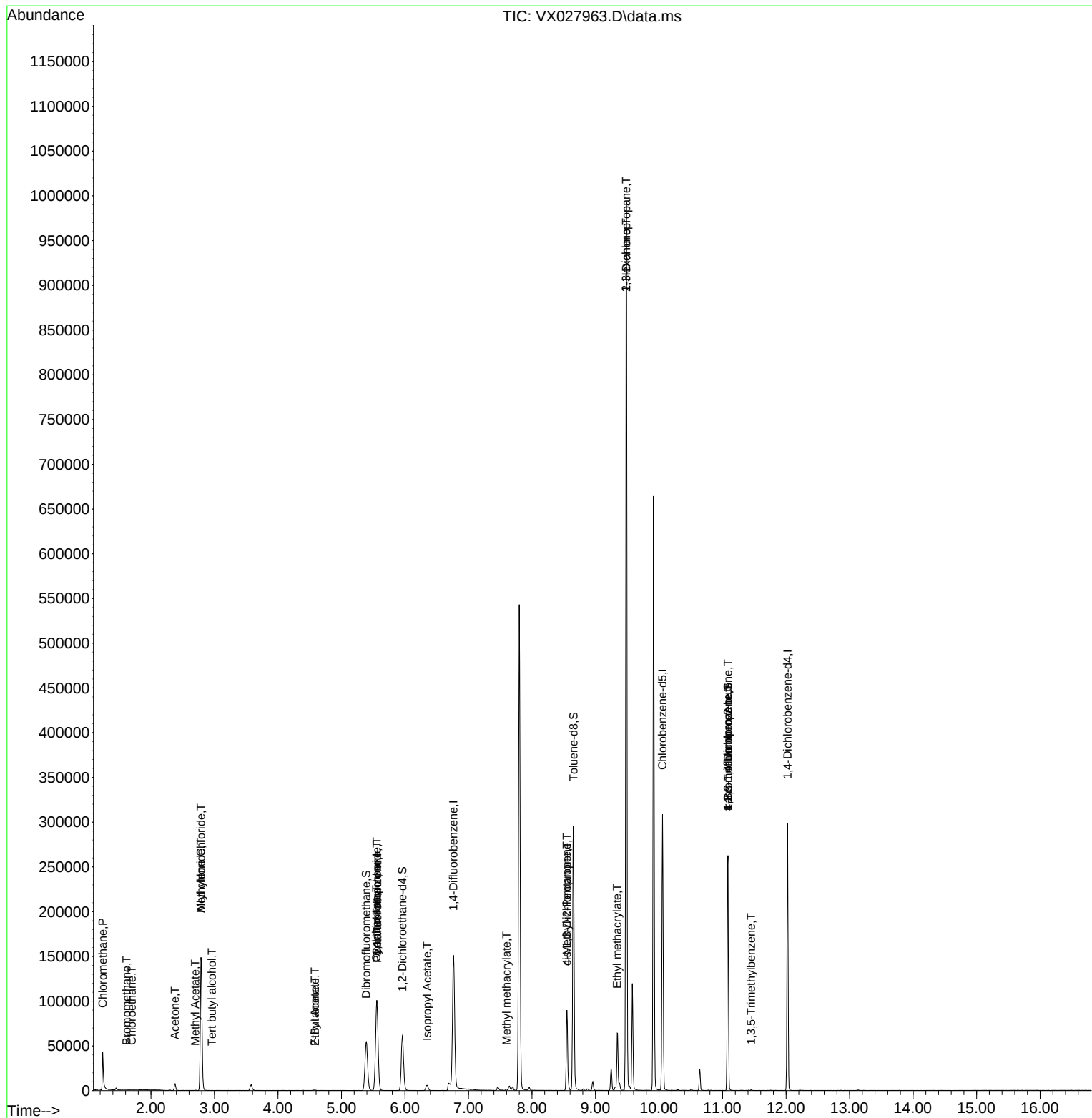
Internal Standards						
1) Pentafluorobenzene	5.562	168	91477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59823	50.684	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.360%			
35) Dibromofluoromethane	5.385	113	48005	50.402	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.800%			
50) Toluene-d8	8.653	98	171071	51.049	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.100%			
62) 4-Bromofluorobenzene	11.085	95	72284	50.758	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.520%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	834	1.139	ug/l #	42
5) Bromomethane	1.617	94	75	0.221	ug/l #	3
6) Chloroethane	1.697	64	383	0.756	ug/l #	43
11) Tert butyl alcohol	2.959	59	62	0.273	ug/l #	72
14) Allyl chloride	2.788	41	2383	1.652	ug/l #	25
16) Acetone	2.380	43	8298	15.886	ug/l #	85
18) Methyl Acetate	2.697	43	478	0.371	ug/l #	55
20) Methylene Chloride	2.788	84	66614	70.898	ug/l	90
25) 2-Butanone	4.580	43	1297	1.706	ug/l	96
31) Cyclohexane	5.550	56	2028	1.554	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	7507	6.258	ug/l #	49
37) Ethyl Acetate	4.580	43	1297	0.872	ug/l #	65
38) Carbon Tetrachloride	5.556	117	10137	7.649	ug/l #	16
43) Isopropyl Acetate	6.348	43	8330	3.497	ug/l	91
48) Methyl methacrylate	7.598	41	2120	1.697	ug/l #	7
51) 4-Methyl-2-Pentanone	8.549	43	32220	19.499	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	13580	8.790	ug/l #	72
56) Ethyl methacrylate	9.342	69	322	0.200	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	8638	5.054	ug/l #	42
59) 2-Hexanone	9.482	43	123181	96.817	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	39312	30.666	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	720	0.204	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	39312	89.247	ug/l #	15

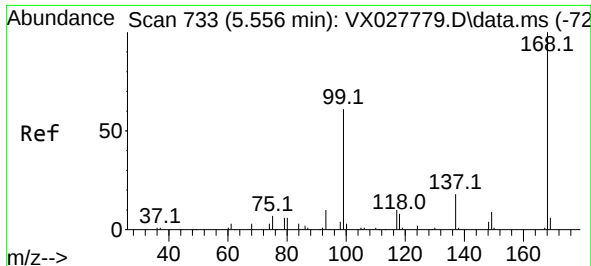
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
Data File : VX027963.D
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 05 05:51:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

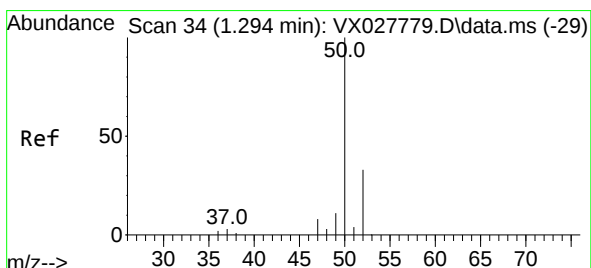
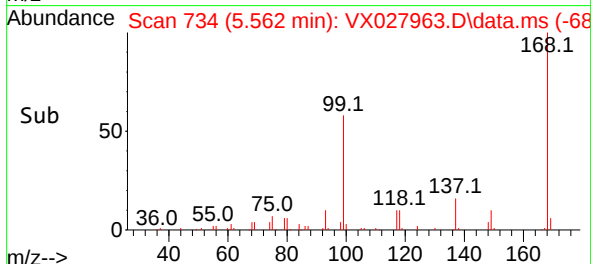
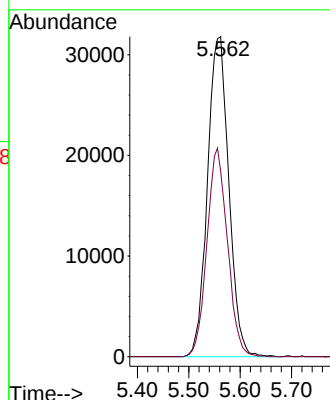
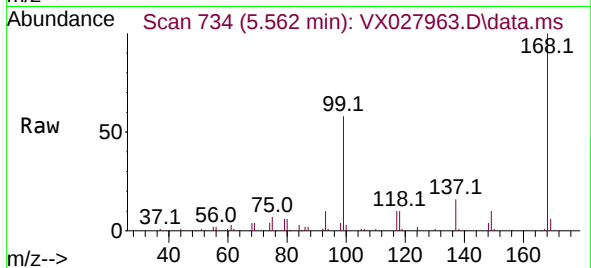




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

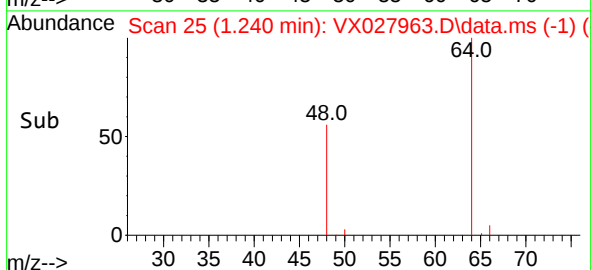
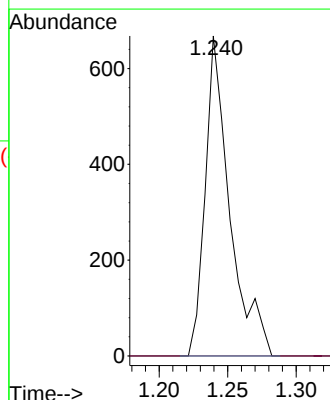
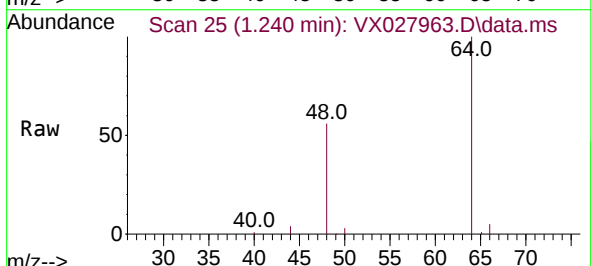
Instrument :
MSVOA_X
ClientSampleId :

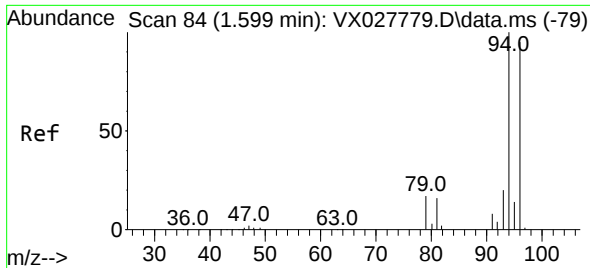
Tgt Ion:168 Resp: 91477
Ion Ratio Lower Upper
168 100
99 57.9 41.7 62.5



#3
Chloromethane
Concen: 1.139 ug/l
RT: 1.240 min Scan# 25
Delta R.T. -0.054 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

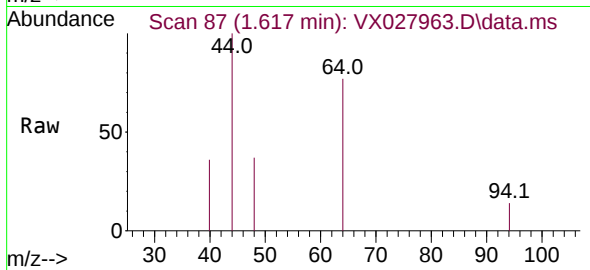
Tgt Ion: 50 Resp: 834
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



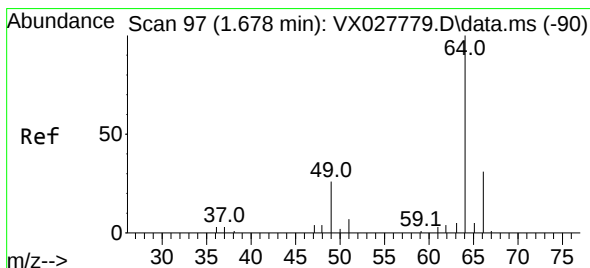
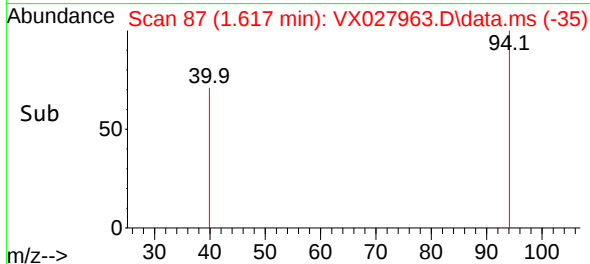
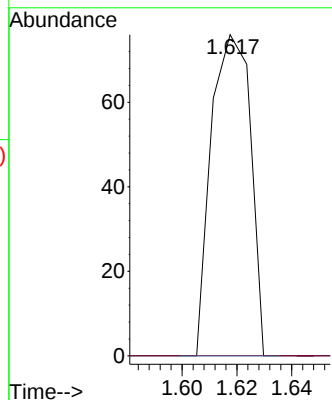


#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Instrument :
MSVOA_X
ClientSampleId :

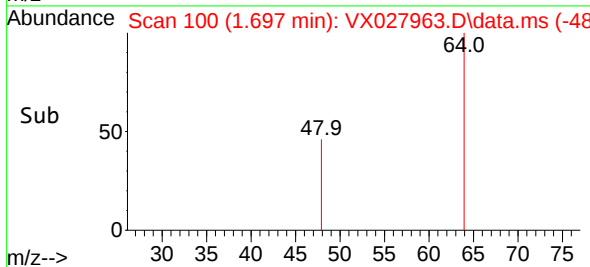
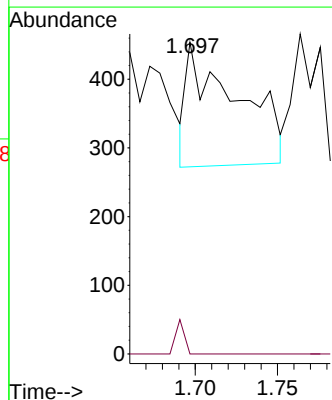
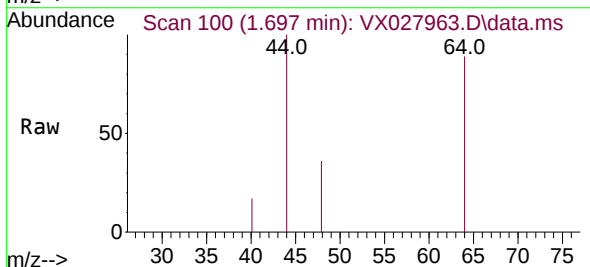


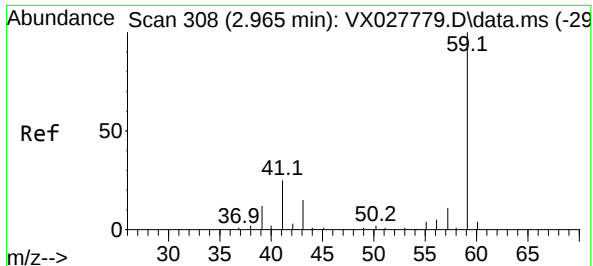
Tgt Ion: 94 Resp: 75
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: 0.756 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Tgt Ion: 64 Resp: 383
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.273 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

Instrument :

MSVOA_X

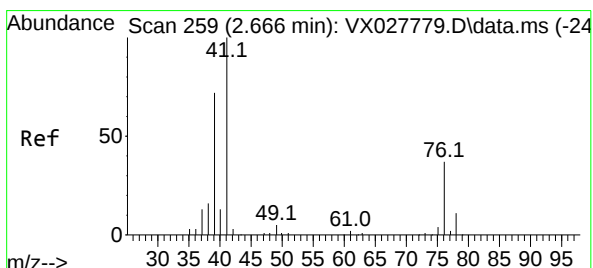
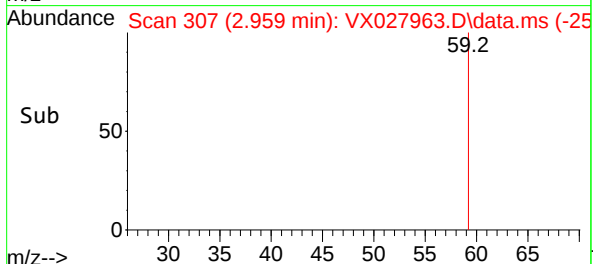
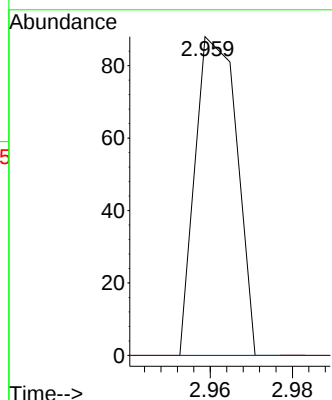
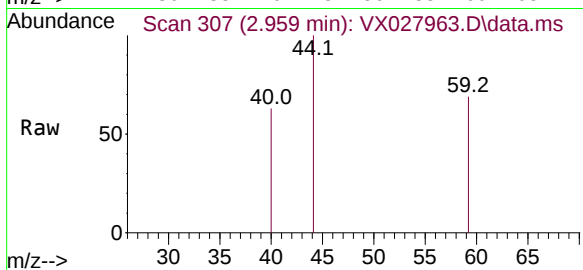
ClientSampleId :

Tgt Ion: 59 Resp: 62

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 1.652 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.122 min

Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

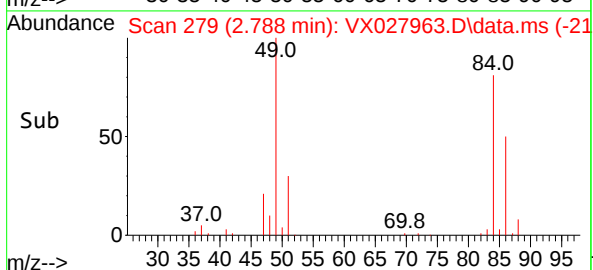
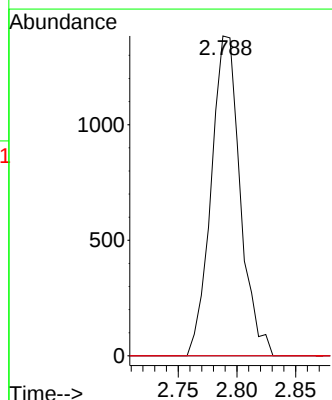
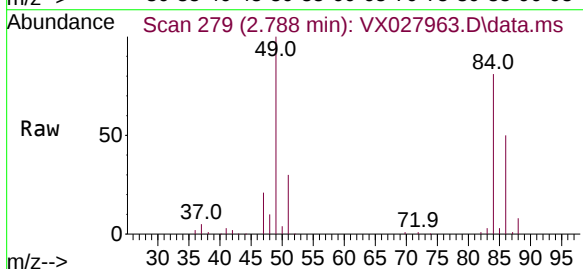
Tgt Ion: 41 Resp: 2383

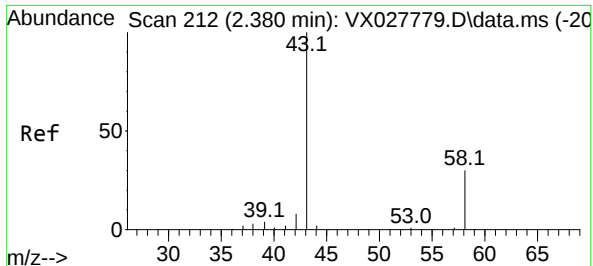
Ion Ratio Lower Upper

41 100

39 0.0 50.4 75.6#

76 0.0 32.7 49.1#

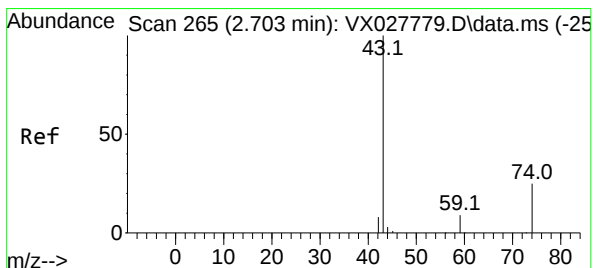
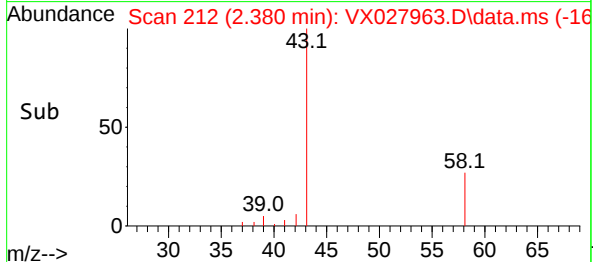
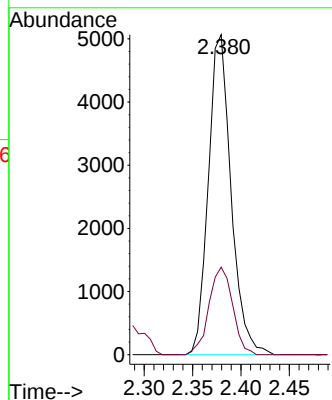
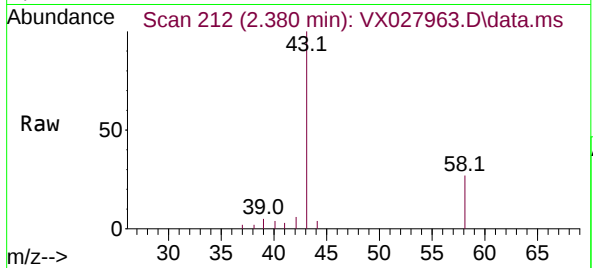




#16
Acetone
Concen: 15.886 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

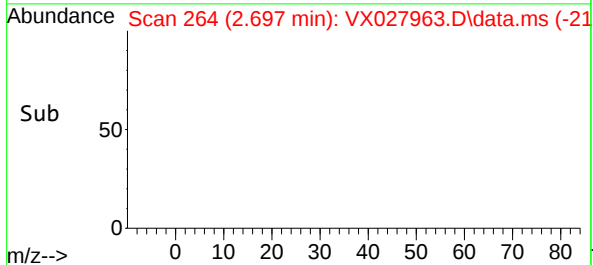
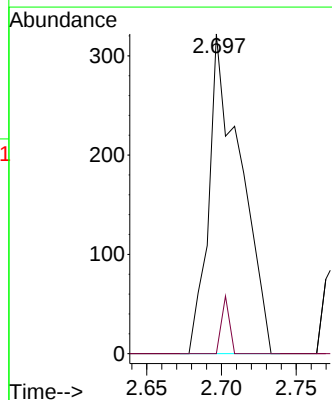
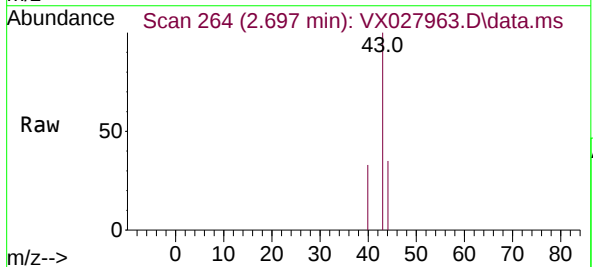
Instrument :
MSVOA_X
ClientSampleId :

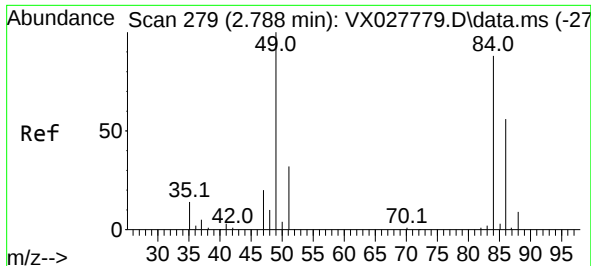
Tgt Ion: 43 Resp: 8298
Ion Ratio Lower Upper
43 100
58 27.4 28.8 43.2#



#18
Methyl Acetate
Concen: 0.371 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
74 4.4 22.8 34.2#





#20

Methylene Chloride

Concen: 70.898 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 66614

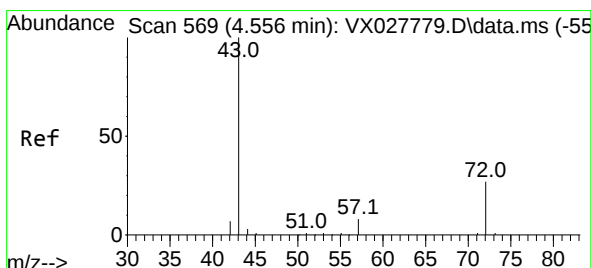
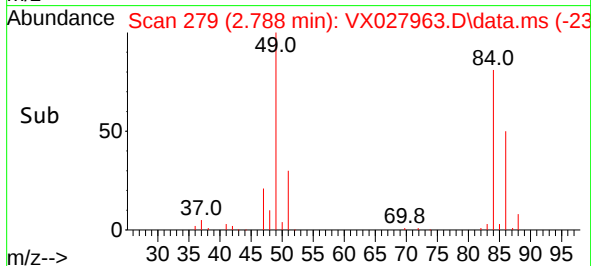
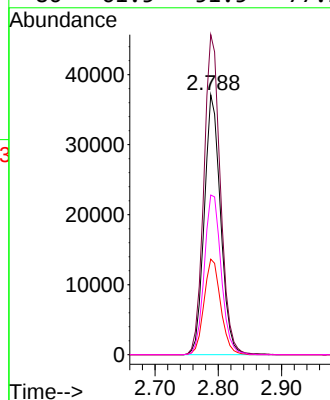
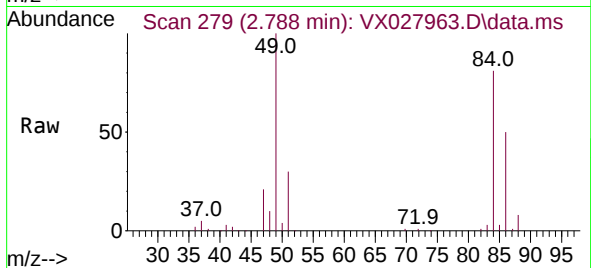
Ion Ratio Lower Upper

84 100

49 123.2 85.5 128.3

51 36.8 26.6 39.8

86 61.5 51.5 77.3



#25

2-Butanone

Concen: 1.706 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX027963.D

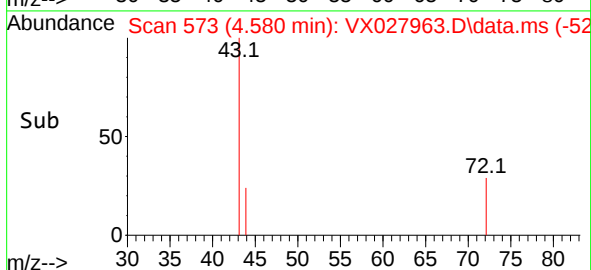
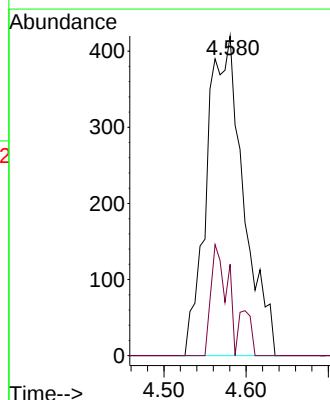
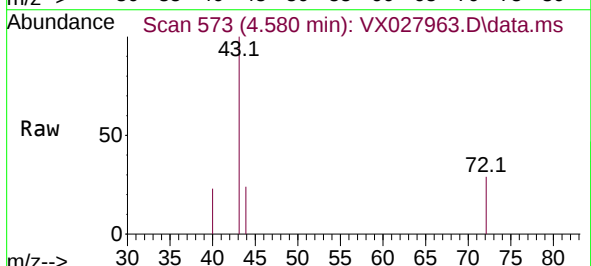
Acq: 04 Apr 2022 17:21

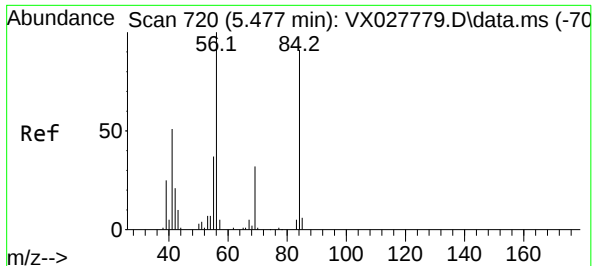
Tgt Ion: 43 Resp: 1297

Ion Ratio Lower Upper

43 100

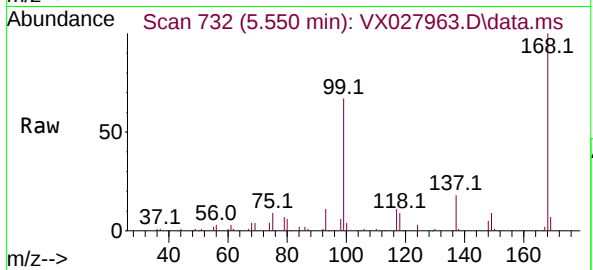
72 28.6 24.4 36.6



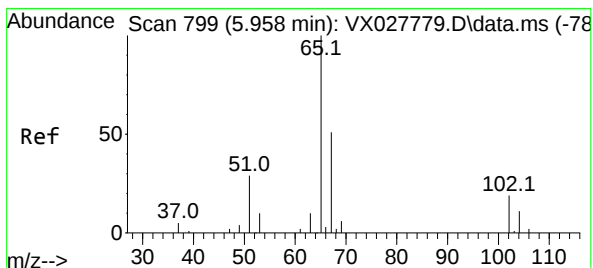
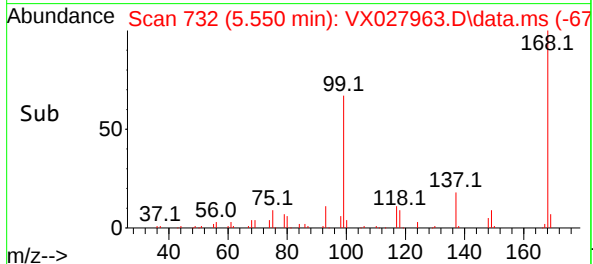
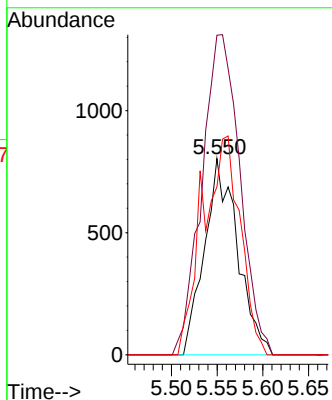


#31
Cyclohexane
Concen: 1.554 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Instrument :
MSVOA_X
ClientSampleId :

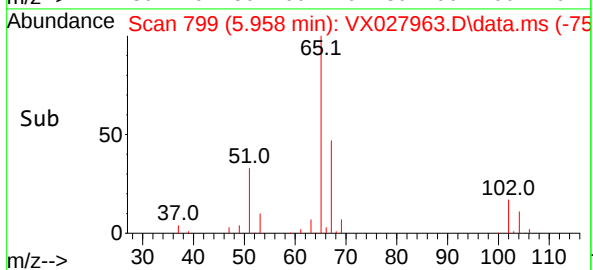
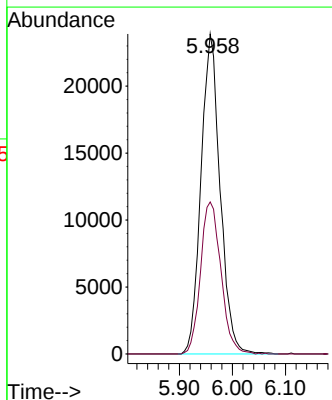
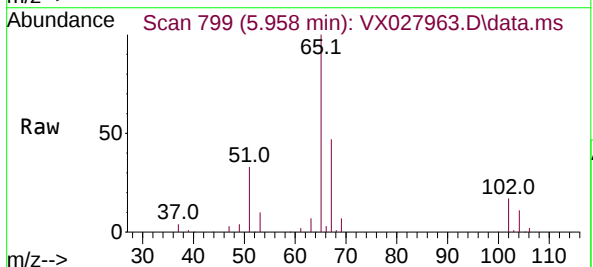


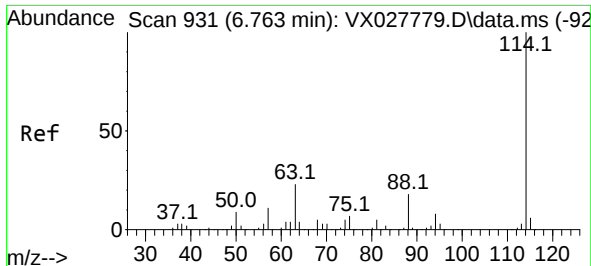
Tgt Ion: 56 Resp: 2028
Ion Ratio Lower Upper
56 100
69 162.8 26.7 40.1#
84 85.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 50.684 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

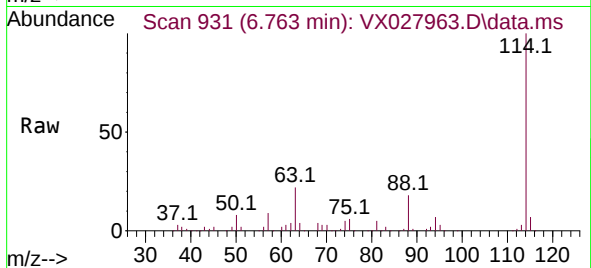
Tgt Ion: 65 Resp: 59823
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.4



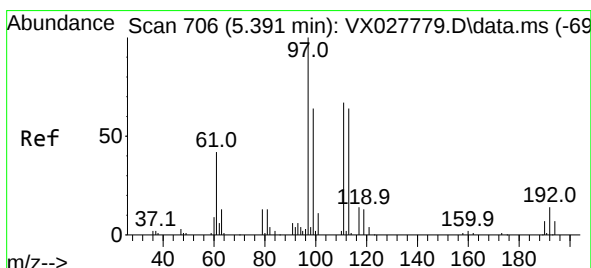
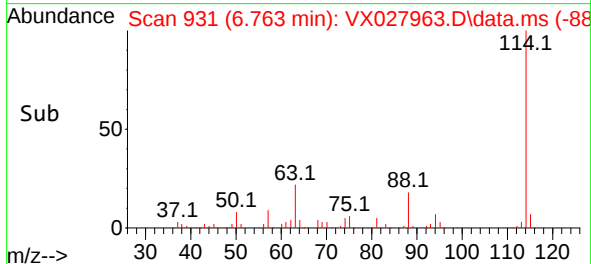
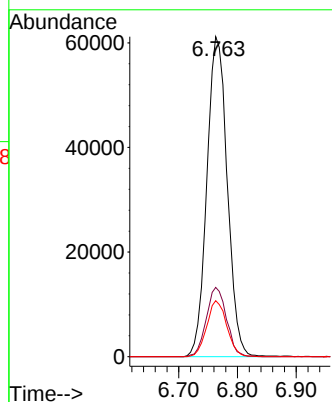


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Instrument :
MSVOA_X
ClientSampleId :

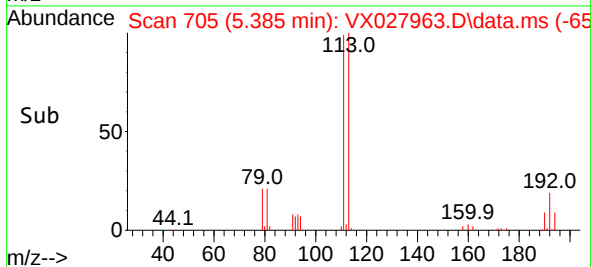
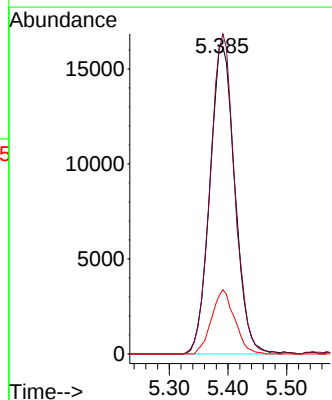
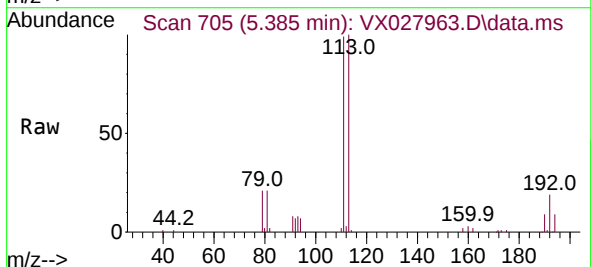


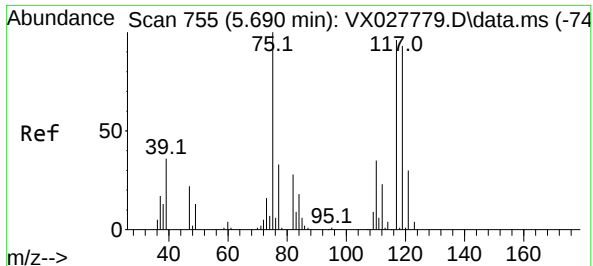
Tgt Ion:114 Resp: 147556
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.8
88 17.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Tgt Ion:113 Resp: 48005
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 19.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.258 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

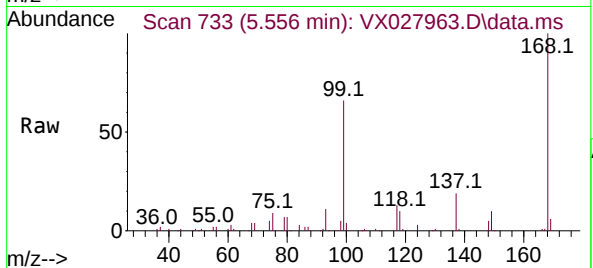
Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :



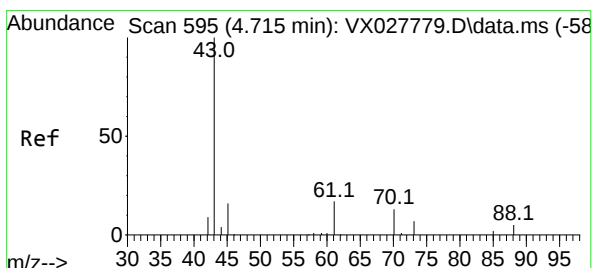
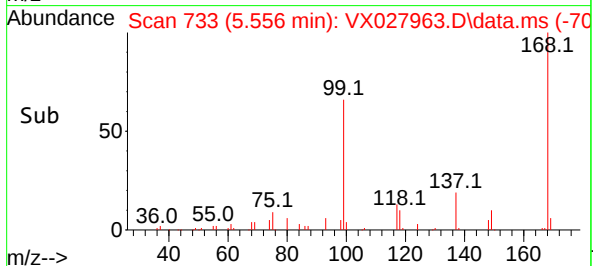
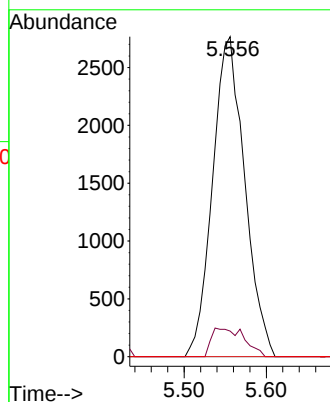
Tgt Ion: 75 Resp: 7507

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.872 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.135 min

Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

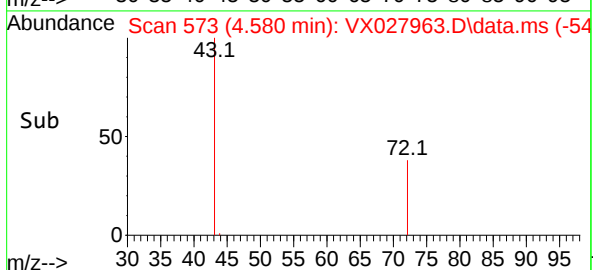
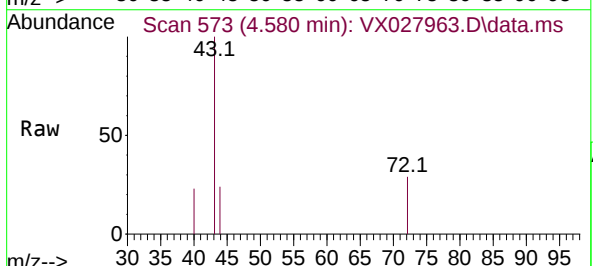
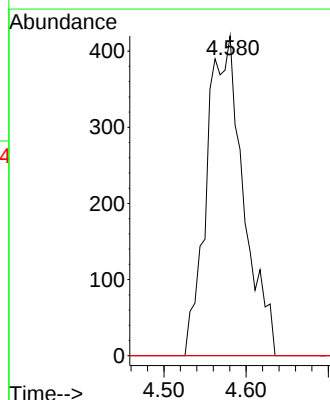
Tgt Ion: 43 Resp: 1297

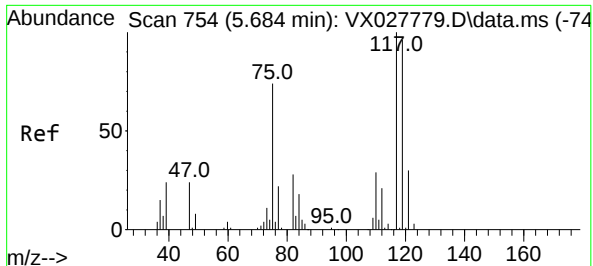
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

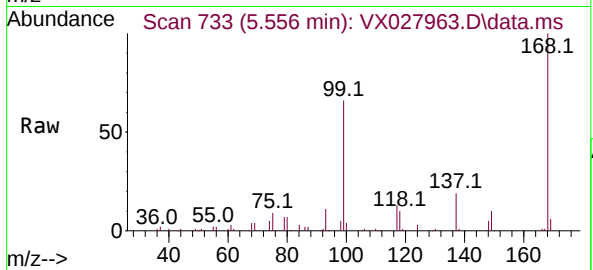
70 0.0 10.2 15.2#



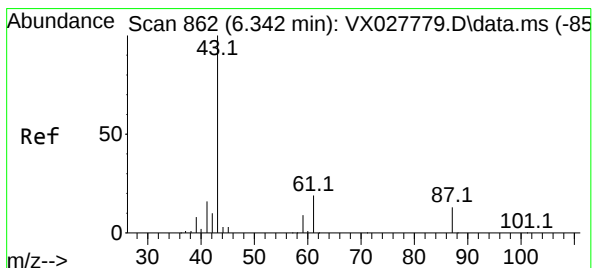
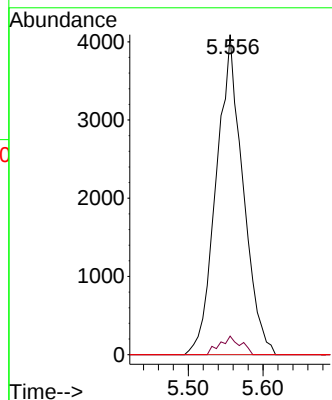
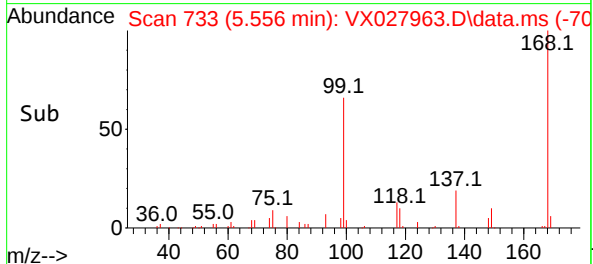


#38
Carbon Tetrachloride
Concen: 7.649 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Instrument :
MSVOA_X
ClientSampleId :

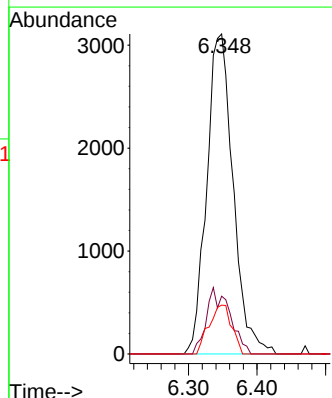
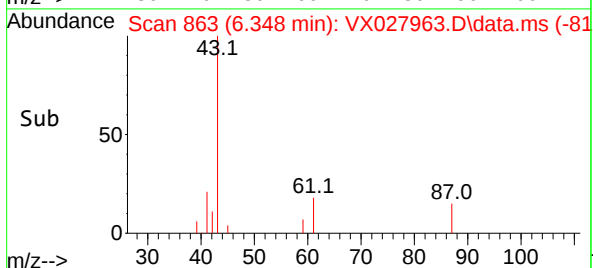
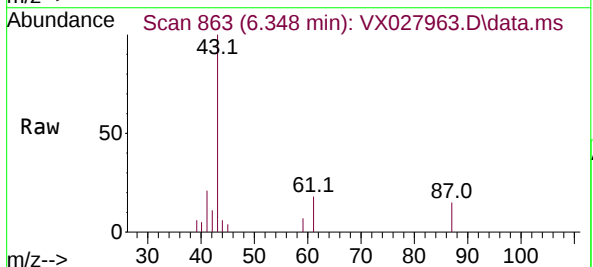


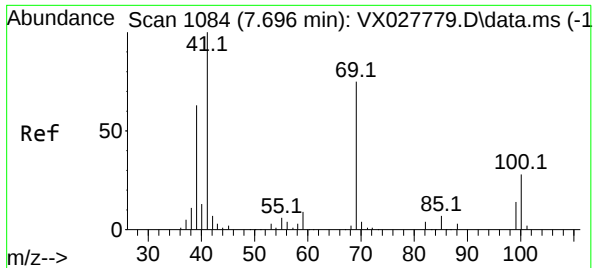
Tgt Ion:117 Resp: 10137
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.497 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Tgt Ion: 43 Resp: 8330
Ion Ratio Lower Upper
43 100
61 18.5 18.5 27.7
87 13.1 13.0 19.6





#48

Methyl methacrylate

Concen: 1.697 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

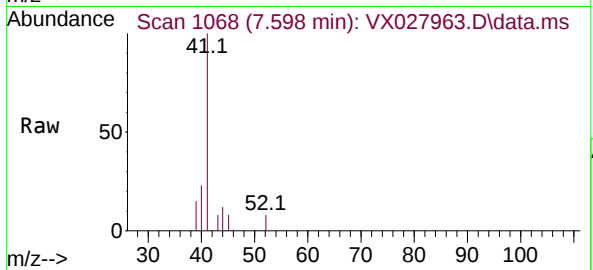
Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

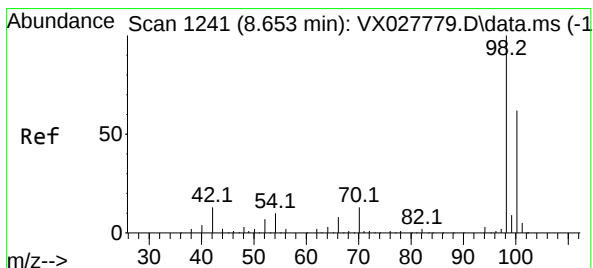
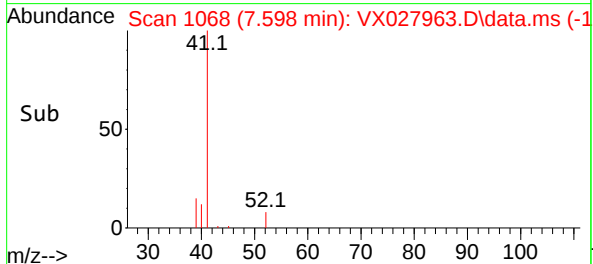
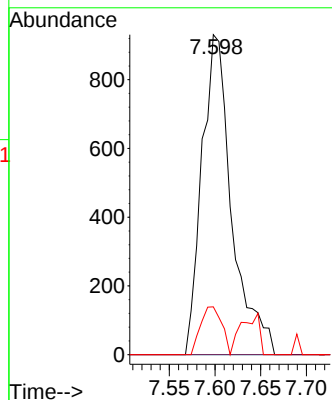
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	41	Resp:	2120
Ion	Ratio	Lower	Upper
41	100		
69	0.0	82.5	123.7#
39	0.0	43.8	65.8#



#50

Toluene-d8

Concen: 51.049 ug/l

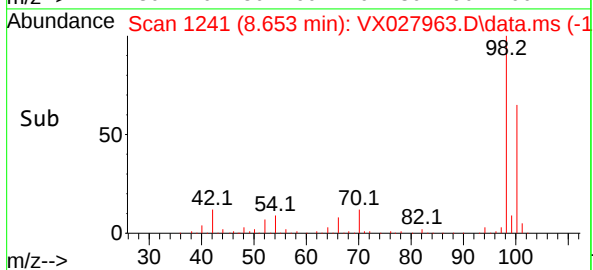
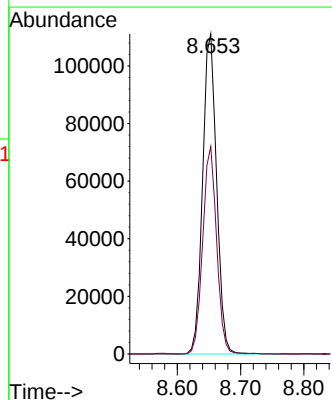
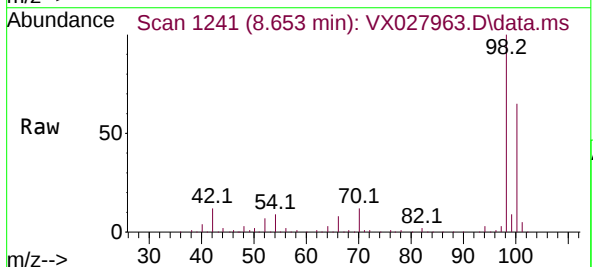
RT: 8.653 min Scan# 1241

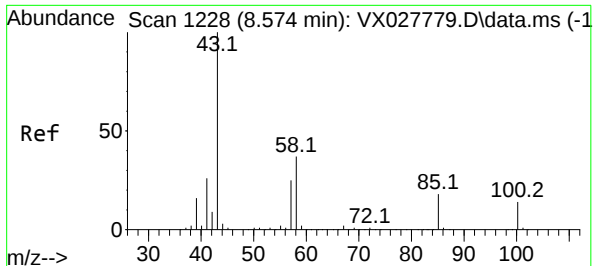
Delta R.T. -0.000 min

Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

Tgt Ion:	98	Resp:	171071
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8

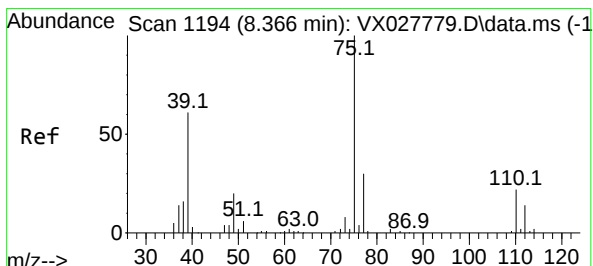
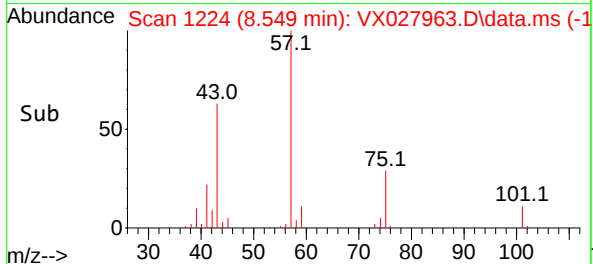
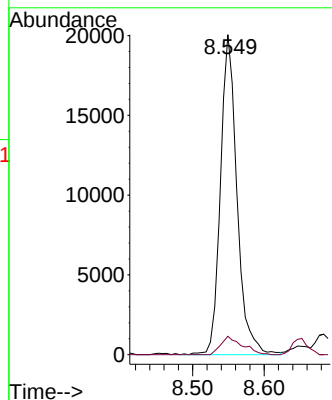
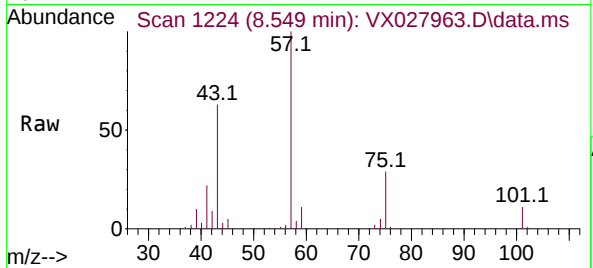




#51
4-Methyl-2-Pentanone
Concen: 19.499 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

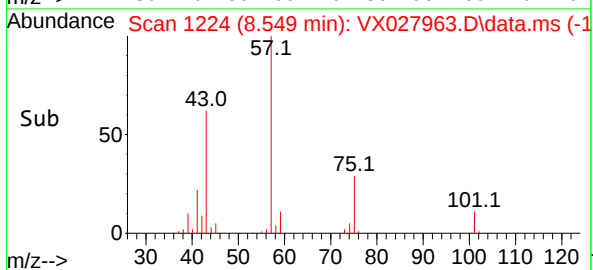
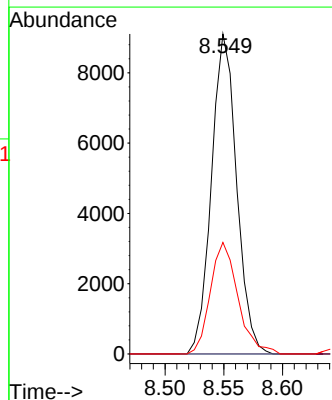
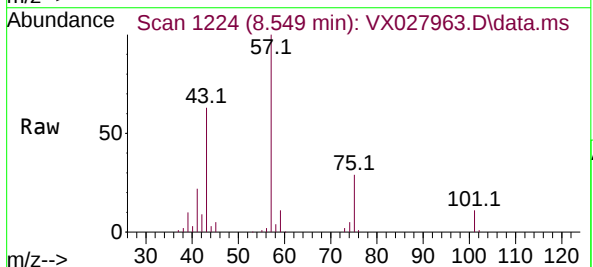
Instrument :
MSVOA_X
ClientSampleId :

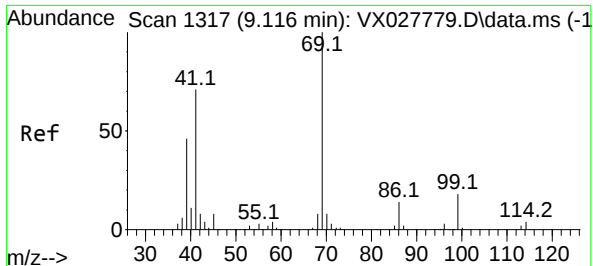
Tgt Ion: 43 Resp: 32220
Ion Ratio Lower Upper
43 100
58 7.4 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 8.790 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Tgt Ion: 75 Resp: 13580
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 34.9 29.6 44.4





#56

Ethyl methacrylate

Concen: 0.200 ug/l

RT: 9.342 min Scan# 1

Delta R.T. 0.226 min

Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

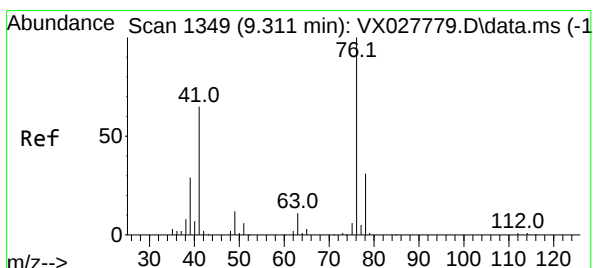
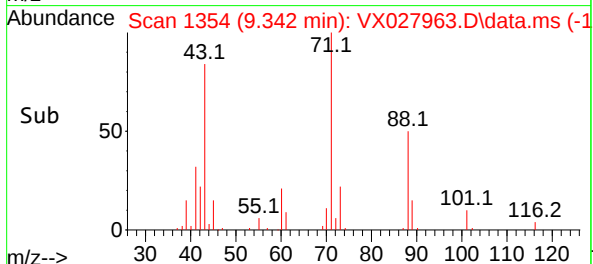
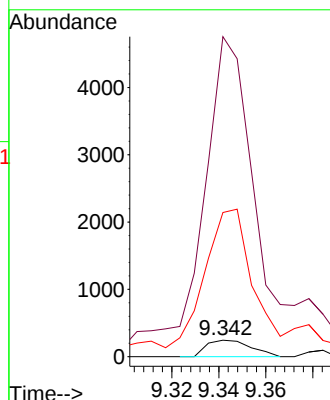
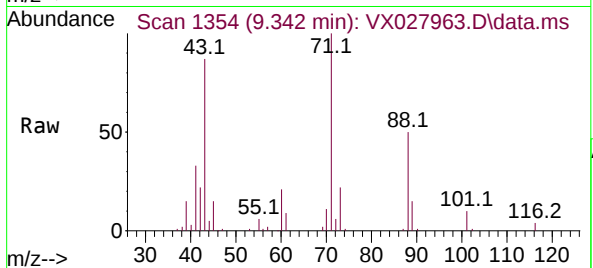
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 69 Resp: 322

Ion	Ratio	Lower	Upper
69	100		
41	2538.5	43.8	65.6#
39	1138.5	22.2	33.2#



#57

1,3-Dichloropropane

Concen: 5.054 ug/l

RT: 9.482 min Scan# 1377

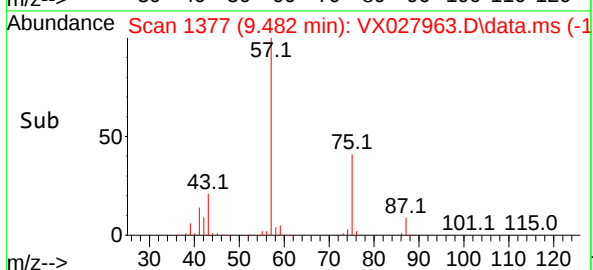
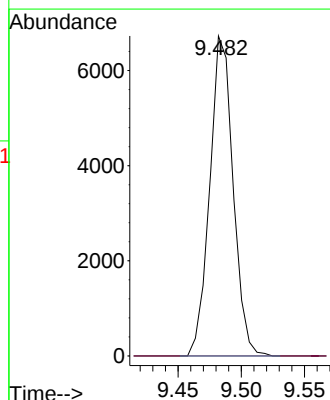
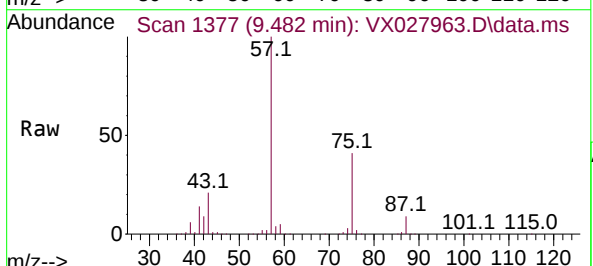
Delta R.T. 0.171 min

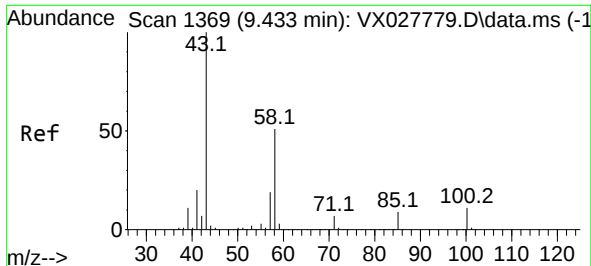
Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

Tgt Ion: 76 Resp: 8638

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#





#59

2-Hexanone

Concen: 96.817 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

Instrument :

MSVOA_X

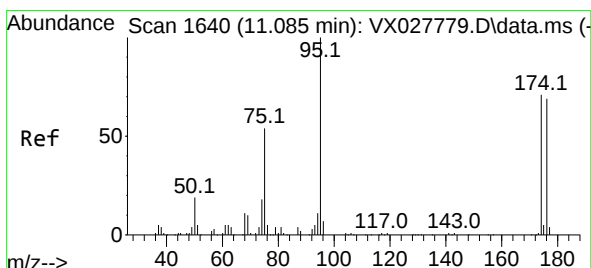
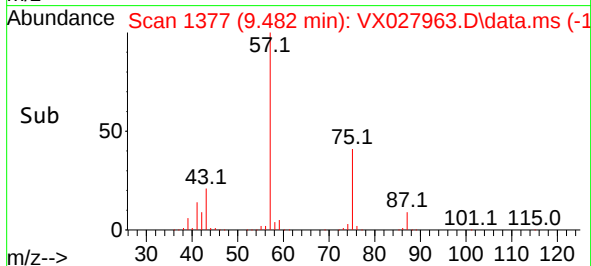
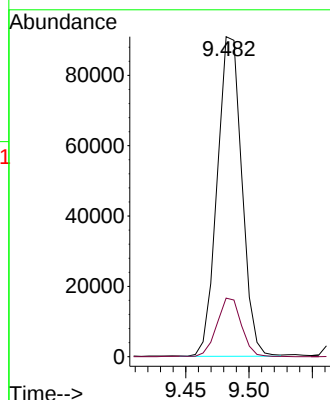
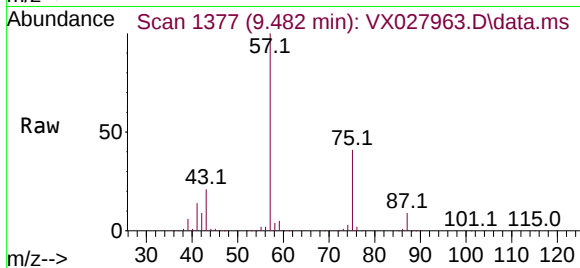
ClientSampleId :

Tgt Ion: 43 Resp: 123181

Ion Ratio Lower Upper

43 100

58 18.4 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 50.758 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027963.D

Acq: 04 Apr 2022 17:21

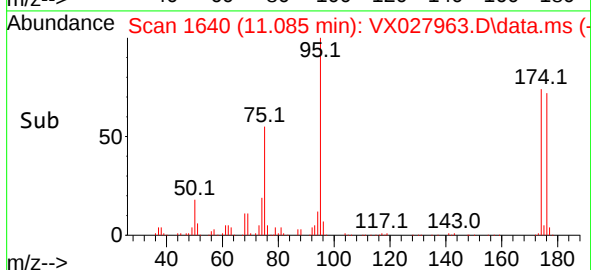
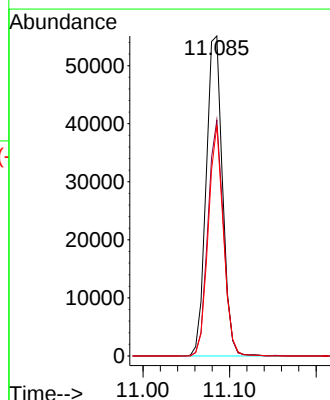
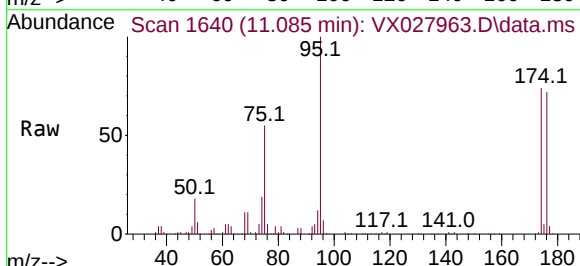
Tgt Ion: 95 Resp: 72284

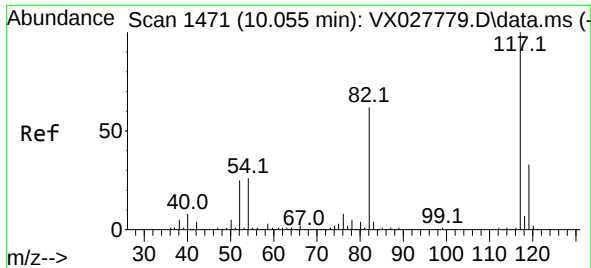
Ion Ratio Lower Upper

95 100

174 69.8 0.0 163.0

176 66.7 0.0 155.0

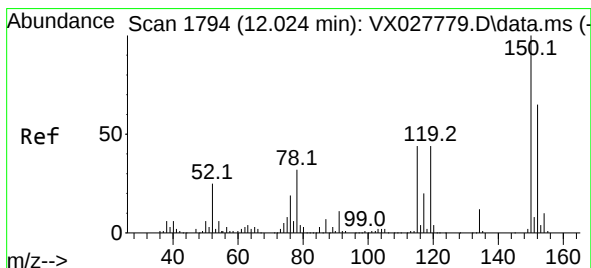
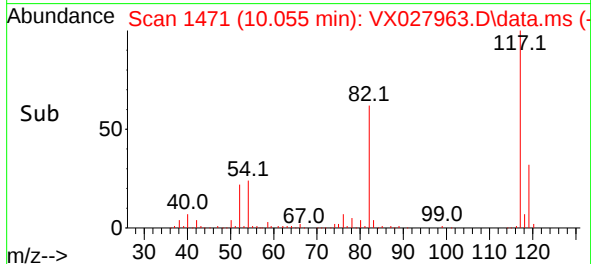
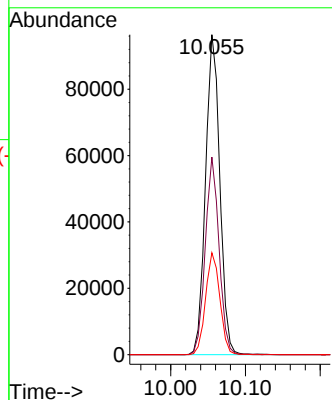
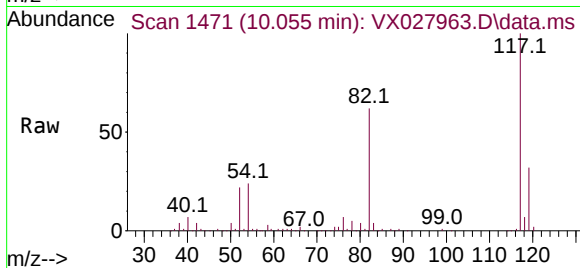




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

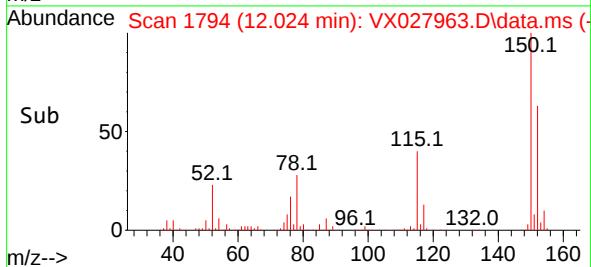
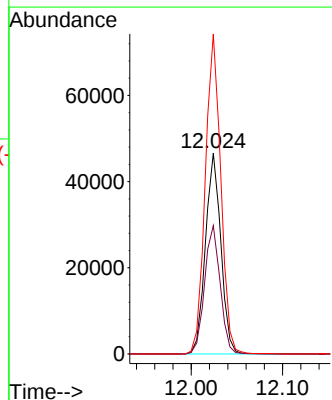
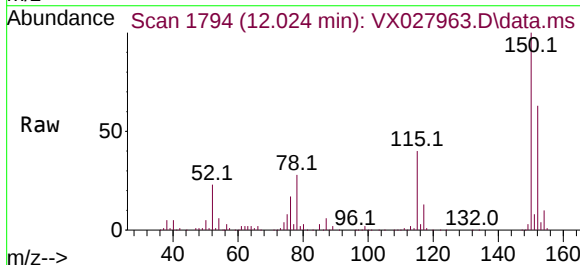
Instrument :
MSVOA_X
ClientSampleId :

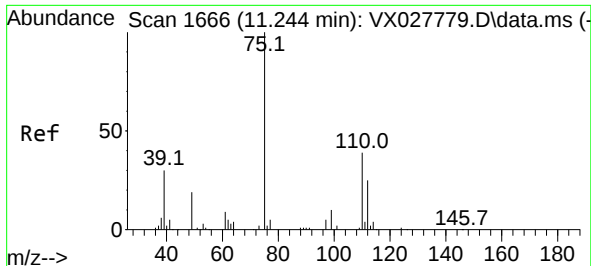
Tgt Ion:117 Resp: 127824
Ion Ratio Lower Upper
117 100
82 61.7 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

Tgt Ion:152 Resp: 54647
Ion Ratio Lower Upper
152 100
115 64.6 37.5 112.7
150 160.2 0.0 338.2

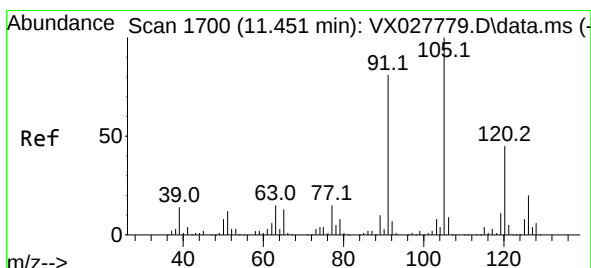
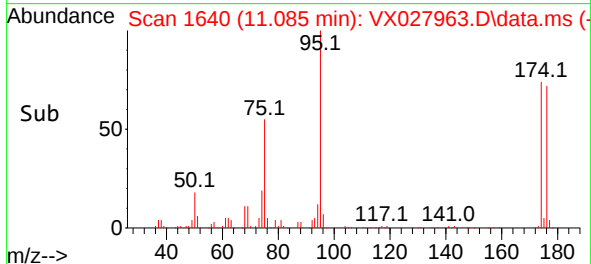
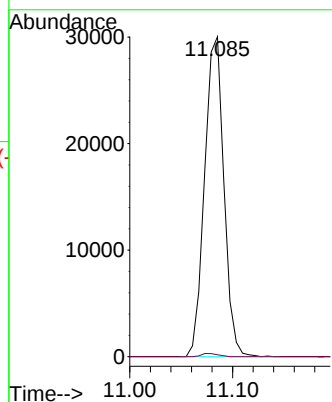
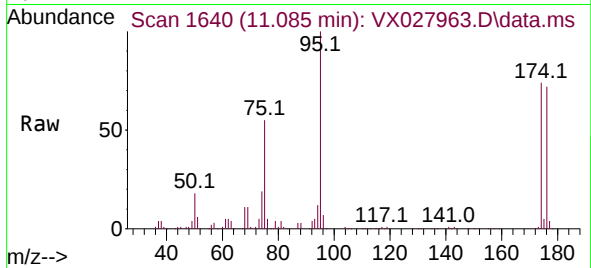




#76
1,2,3-Trichloropropane
Concen: 30.666 ug/l
RT: 11.085 min Scan# 1100
Delta R.T. -0.159 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

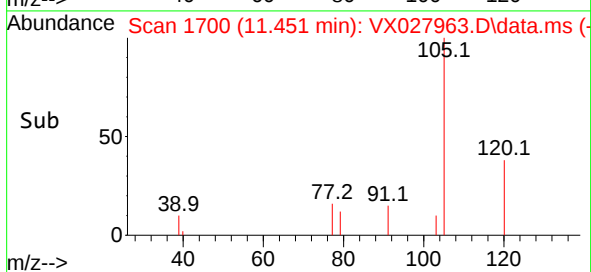
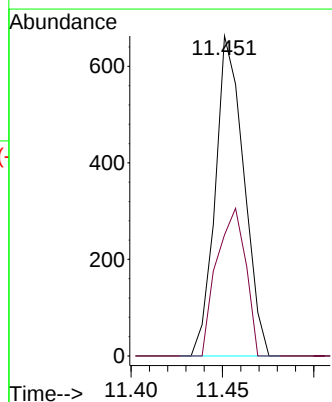
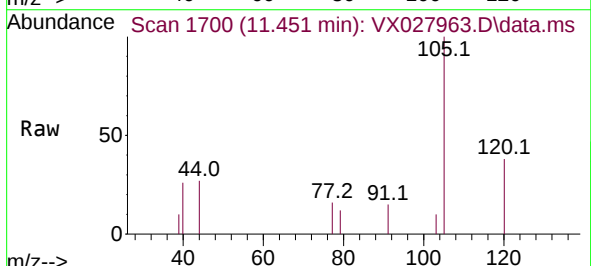
Instrument :
MSVOA_X
ClientSampleId :

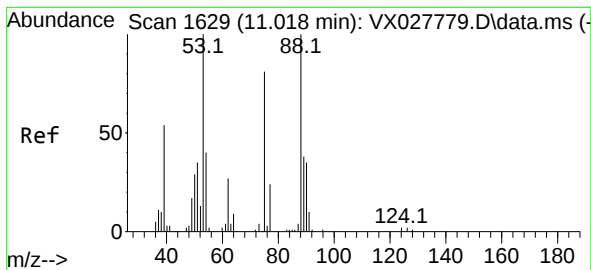
Tgt Ion: 75 Resp: 39312
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.204 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027963.D
Acq: 04 Apr 2022 17:21

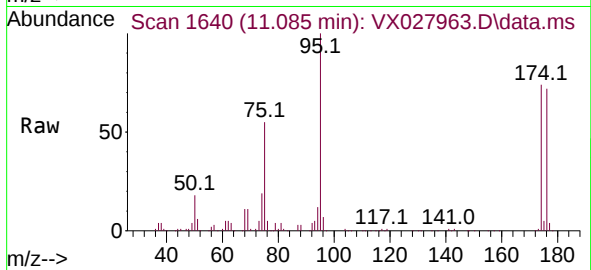
Tgt Ion: 105 Resp: 720
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.247 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027963.D
 Acq: 04 Apr 2022 17:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 39312
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

